

INFORMATION DISCLOSURE CITATION	ATTY. DOCKET NO.	SERIAL NO.
	723-749	09/585,329
	<u>APPLICANT</u>	
(Use several sheets if necessary)	HOLLIS	
	FILING DATE	GROUP

June 2, 2000

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

TRANSLATION						
DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

	ZDNet Reviews, from PC Magazine , "Other Enhancements," January 15, 1999, wysiwyg://16/http://www4.zdnet.com...ies/reviews/0,4161,2188286,00.html
	ZDNet Reviews, from PC Magazine , "Screen Shot of Alpha-channel Transparency," January 15, 1999, wysiwyg://16/http://www4.zdnet.com...ies/reviews/0,4161,2188286,00.html
	Alpha (transparency) Effects, Future Technology Research Index, http://www.futuretech.vuurwerk.nl/alpha.html
	Blythe, David, 5.6 Transparency Mapping and Trimming with Alpha, http://toolbox.sgi.com/TasteOfDT/d...penGL/advanced98/notes/node41.html , June 11, 1998
	10.2 Alpha Blending, http://www.sgi.com/software/opengl/advanced98/notes/node146.html
	10.3 Sorting, http://www.sgi.com/software/opengl/advanced98/notes/node147.html
	10.4 Using the Alpha Function, http://www.sgi.com/software/opengl/advanced98/notes/node148.html
↓	Winner, Stephanie, et al., "Hardware Accelerated Rendering Of Antialiasing Using A Modified A-buffer Algorithm," Computer Graphics Proceedings, Annual Conference Series, 1997, pp 307-316

*Examiner

Matthew Ward-Johnson

Date Considered

7/31/2003

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE
CITATION

Atty. Docket No. 723-749 Serial No. 09/585,329
 Applicant HOLLIS et al. RECEIVED
 Filing Date 02 June 2000 Group 2672 MAY 14 2003
Technology Center 2600

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4.275.413	Jun-81	Sakamoto et al.			
	4.357.624	Nov-82	GREENBERG			
	4.463.380	Jul-84	HOOKS, Jr.			
	4.491.836	Jan-85	Collmeyer et al.			
	4.586.038	Apr-86	Sims et al.			
	4.600.919	Jul-86	Stern			
	4.615.013	Sep-86	YAN et al.			
	4.625.289	Nov-86	Rockwood			
	4.653.012	Mar-87	Duffy et al.			
	4.692.880	Sep-87	MERZ et al.			
	4.695.943	Sep-87	Keeley et al.			
	4.710.876	Dec-87	Cline et al.			
	4.768.148	Aug-88	Keeley et al.			
	4.785.395	Nov-88	Keeley			
	4.790.025	Dec-88	Inoue et al.			
	4.808.988	Feb-89	BURKE et al.			
	4.812.988	Mar-89	Duthuit et al.			
	4.817.175	Mar-89	TENENBAUM et al.			
	4.829.452	May-89	Kang et al.			
	4.833.601	May-89	Barlow et al.			
	4.855.934	Aug-89	Robinson			
	4.888.712	Dec-89	BARKANS et al.			
	4.897.806	Jan-90	COOK et al.			
	4.907.174	Mar-90	PRIEM			
	4.935.879	Jun-90	UEDA			
	4.965.751	Oct-90	Thaver et al.			
	4.974.176	Nov-90	BUCHNER et al.			
	4.974.177	Nov-90	NISHIGUCHI			
	4.975.977	Dec-90	Kurosu et al.			
	4.989.138	Jan-91	Radochonski			
	5.003.496	Mar-91	HUNT, Jr. et al.			
	5.016.183	May-91	Shvona			
	5.018.076	May-91	JOHARY et al.			
	5.043.922	Aug-91	Matsumoto			
	5.056.044	Oct-91	Frederickson et al.			
	5.062.057	Oct-91	BLACKEN et al.			
	5.086.495	Feb-92	Grav et al.			
	5.091.967	Feb-92	Ohsawa			
	5.097.427	Mar-92	Lathrop et al.			

*Examiner

Notre Dame Johnson

Date Considered

7/21/2003

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE
CITATION

Atty. Docket No.

Serial No.

723-749

09/585,329

Applicant

HOLLIS et al.

Filing Date

Group

02 June 2000

2672

RECEIVED

MAY 14 2003

Technology Center 2600

5,144,291	Sep-92	Nishizawa	
5,163,126	Nov-92	Finkauf et al.	
5,179,638	Jan-93	Dawson et al.	
5,204,944	Apr-93	WOLBERG et al.	
5,224,208	Jun-93	MILLER, JR. et al.	
5,239,624	Aug-93	COOK et al.	
5,241,658	Aug-93	MASTERSON et al.	
5,255,353	Oct-93	Itoh	
5,268,995	Dec-93	Diefendorff et al.	
5,268,996	Dec-93	STEINER et al.	
5,278,948	Jan-94	Luken, Jr.	
5,307,450	Apr-94	Grossman	
5,315,692	May-94	HANSEN et al.	
5,345,541	Sep-94	Kelley et al.	
5,353,424	Oct-94	Partovi et al.	
5,357,579	Oct-94	BUCHNER et al.	
5,361,386	Nov-94	Watkins et al.	
5,363,475	Nov-94	BAKER et al.	
5,377,313	Dec-94	Scheibl	
5,394,516	Feb-95	WINSER	
5,402,532	Mar-95	Epsstein et al.	
5,404,445	Apr-95	Matsumoto	
5,408,650	Apr-95	ARSENAULT	
5,412,796	May-95	OLIVE	
5,415,549	May-95	LOGG	
5,422,997	Jun-95	NAGASHIMA	
5,432,895	Jul-95	MYERS	
5,432,900	Jul-95	Rhodes et al.	
5,438,663	Aug-95	Matsumoto et al.	
5,448,689	Sep-95	Matsuo et al.	
5,461,712	Oct-95	CHELSTOWSKI et al.	
5,467,438	Nov-95	Nishio et al.	
5,467,459	Nov-95	Alexander et al.	
5,469,535	Nov-95	JARVIS et al.	
5,473,736	Dec-95	Young	
5,475,803	Dec-95	Stearns et al.	
5,487,146	Jan-96	Guttao et al.	
5,490,240	Feb-96	FORAN et al.	
5,495,563	Feb-96	WINSER	
5,495,563	Feb-96	Winser, Paul A.	
5,504,499	Apr-96	Horie et al.	
5,506,604	Mar-96	NALLY et al.	

*Examiner

Motilwa

Good-Johnson

Date Considered

7/21/2003

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE
CITATION

Atty. Docket No.

Serial No.

723-749**09/585,329**

Applicant

RECEIVED**MAY 14 2003****HOLLIS et al.**

Group

Filing Date

02 June 2000**2672****Technology Center 2600**

5.535.374	Jul-96	OLIVE	
5.543.824	Aug-96	PRIEM et al.	
5.544.292	Aug-96	WINSER	
5.548.709	Aug-96	HANNAH et al.	
5.553.228	Sep-96	ERB et al.	
5.557.712	Sep-96	Guav	
5.559.954	Sep-96	SAKODA et al.	
5.561.746	Oct-96	MURATA et al.	
5.561.752	Oct-96	Jevans	
5.563.989	Oct-96	BILLYARD	
5.566.285	Oct-96	Okada	
5.573.402	Nov-96	GRAY	
5.579.456	Nov-96	Cosman, Michael A.	
5.582.451	Dec-96	COX et al.	
5.586.234	Dec-96	SAKURABA et al.	
5.593.350	Jan-97	BOUTON et al.	
5.600.763	Feb-97	GREENE et al.	
5.607.157	Mar-97	NAGASHIMA	
5.608.864	Mar-97	BINDLISH et al.	
5.616.031	Apr-97	LOGG	
5.621.867	Apr-97	MURATA et al.	
5.628.686	May-97	SVANCAREK et al.	
5.638.535	Jun-97	Rosenthal et al.	
5.644.364	Jul-97	KURTZE et al.	
5.649.082	Jul-97	Burns	
5.650.955	Jul-97	PUAR et al.	
5.651.104	Jul-97	COSMAN	
5.657.045	Aug-97	Katsura et al.	
5.657.443	Aug-97	Krech, Jr.	
5.657.478	Aug-97	RECKER et al.	
5.659.671	Aug-97	TANNENBAUM et al.	
5.659.673	Aug-97	Nonoshita	
5.659.715	Aug-97	WU et al.	
5.664.162	Sep-97	DYE	
5.666.439	Sep-97	Ishida et al	
5.678.037	Oct-97	Osugi et al.	
5.682.522	Oct-97	HUANG et al.	
5.684.941	Nov-97	Dve	
5.687.304	Nov-97	Kiss, Kenneth W.	
5.691.746	Nov-97	SHYU	
5.694.143	Dec-97	Fielder et al.	
5.696.892	Dec-97	REDMANN et al.(w/Abstract)	

*Examiner

Motilova

Date Considered

7/21/2003

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE
CITATION

Atty. Docket No.

Serial No.

723-749

09/585,329

Applicant

HOLLIS et al.

Filing Date

Group

02 June 2000

2672

RECEIVED

MAY 14 2003

Technology Center 2600

5.703,806	Dec-97	PUAR et al.
5.706,481	Jan-98	HANNAH et al.
5.706,482	Jan-98	MATSUSHIMA et al.
5.714,981	Feb-98	SCOTT-JACKSON et al.
5.724,561	Mar-98	TAROLLI et al.
5.726,689	Mar-98	NEGISHI et al.
5.726,947	Mar-98	Yamazaki et al.
5.734,386	Mar-98	COSMAN
5.739,819	Apr-98	Bar-Nahum
5.740,343	Apr-98	Tarolli et al.
5.740,383	Apr-98	NALLY et al.
5.740,406	Apr-98	Rosenthal et al.
5.742,749	Apr-98	Foran et al.
5.742,788	Apr-98	PRIEM et al.
5.745,118	Apr-98	ALCORN et al.
5.745,125	Apr-98	Deering et al.
5.748,199	May-98	Palm
5.748,986	May-98	Butterfield et al.
5.751,291	May-98	Olsen et al
5.751,292	May-98	EMMOT
5.751,295	May-98	Becklund et al
5.751,930	May-98	Katsura et al.
5.754,191	May-98	Mills et al.
5.757,382	May-98	Lee
5.760,783	Jun-98	MIGDAL et al.
5.764,228	Jun-98	BALDWIN
5.764,237	Jun-98	KANEKO
5.767,856	Jun-98	PETERSON et al.
5.768,629	Jun-98	Wise et al.
5.777,623	Jul-98	SMALL
5.781,927	Jul-98	WU et al.
5.791,994	Aug-98	HIRANO et al.
5.801,711	Sep-98	KOSS et al.
5.801,720	Sep-98	Norrod et al.
5.808,619	Sep-98	CHO et al.
5.808,630	Sep-98	PANNELL
5.809,219	Sep-98	PEARCE et al.
5.809,278	Sep-98	WATANABE et al.
5.815,165	Sep-98	BLIXT
5.818,456	Oct-98	COSMAN et al.
5.819,017	Oct-98	Akeley et al.
5.821,940	Oct-98	Morgan et al.

*Examiner

M. Good-Johnson

Date Considered

7/1/2003

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE
CITATION

Atty. Docket No.

Serial No.

723-749

09/585

Applicant

RECEIVED

MAY 14 2003

HOLLIS et al.

Group

Filing Date

02 June 2000

2672

Technology Center 2600

5,821,940	Oct-98	Morgan et al	
5,822,516	Oct-98	Krech, Jr.	
5,828,382	Oct-98	WILDE	
5,828,383	Oct-98	MAY et al.	
5,828,907	Oct-98	Wise et al.	
5,831,624	Nov-98	TAROLLI et al.	
5,831,625	Nov-98	RICH et al. (w/Abstract)	
5,831,640	Nov-98	WANG et al.	
5,835,096	Nov-98	BALDWIN	
5,835,792	Nov-98	Wise et al.	
5,838,334	Nov-98	Dve	
5,844,576	Dec-98	WILDE et al.	
5,850,229	Dec-98	Edelsbrunner et al.	
5,856,829	Jan-99	GRAY, III et al.	
5,859,645	Jan-99	LATHAM	
5,861,888	Jan-99	DEMPSEY	
5,861,893	Jan-99	Strugess, Jay J.	
5,867,166	02-199	Mvhrvold et al.	
5,870,097	Feb-99	Snyder et al.	
5,870,098	Feb-99	Gardiner	
5,870,102	Feb-99	TAROLLI et al.	
5,870,109	Feb-99	MCCORMACK et al.	
5,870,587	Feb-99	DANFORTH et al.	
5,872,902	Feb-99	Kuchkuda et al.	
5,877,741	Mar-99	CHEE et al.	
5,877,770	Mar-99	HANAOKA	
5,877,771	Mar-99	DREBIN et al.	
5,880,736	Mar-99	PEERCY et al.	
5,883,638	Mar-99	Rouet et al.	
5,886,701	Mar-99	Chauvin et al.	
5,887,155	Mar-99	Laidig	
5,890,190	Mar-99	Rutman	
5,892,517	Apr-99	RICH (w/Abstract)	
5,892,974	Apr-99	KOIZUMI et al.	
5,900,881	May-99	IKEDO	
5,903,283	May-99	SELWAN et al.	
5,909,218	Jun-99	Naka et al.	
5,909,225	Jun-99	SCHINNERER et al.	
5,912,675	Jun-99	Laperriere	
5,912,676	Jun-99	MALLADI et al.	
5,914,721	Jun-99	Lim	
5,914,729	Jun-99	LIPPINCOTT	

*Examiner

M. Todd Johnson

Date Considered

7/21/2003

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE
CITATION

Atty. Docket No.

Serial No.

723-749**09/585,329**

Applicant

RECEIVED**HOLLIS et al.**

Filing Date

Group

MAY 14 2003**02 June 2000****2672 Technology Center 2600**

5,920,876	Jul-99	UNGAR et al.	
5,923,332	Jul-99	IZAWA	
5,923,334	Jul-99	LUKEN	
5,926,182	Jul-99	MENON et al.	
5,926,647	Jul-99	ADAMS et al.	
5,933,150	Aua-99	Ngo et al.	
5,933,154	Aua-99	HOWARD et al.	
5,933,155	Aua-99	AKELEY	
5,933,529	Aua-99	Kim	
5,936,641	Aua-99	Jain et al	
5,936,683	Aua-99	LIN	
5,940,089	Aua-99	Dilliplane	
5,940,538	Aua-99	Spiegel et al	
5,943,058	Aua-99	Naoy	
5,943,060	Aua-99	COSMAN et al.	
5,945,997	Aua-99	ZHAO et al.	
5,949,421	Sep-99	Oaletree et al.	
5,949,423	Sep-99	Olsen	
5,949,428	Sep-99	Toelle et al.	
5,949,428	Sep-99	TOELLE et al.	
5,956,042	Sep-99	Tucker et al.	
5,956,043	Sep-99	JENSEN	
5,958,020	Sep-99	EVOY et al.	
5,959,640	Sep-99	RUDIN et al.	
5,963,220	Oct-99	LEF et al.	
5,966,134	Oct-99	Arias	
5,977,979	Nov-99	Clough et al	
5,977,984	Nov-99	OMORI	
5,982,376	Nov-99	ABE et al.	
5,982,390	Nov-99	Stoneking et al.	
5,986,659	Nov-99	GALLERY et al.	
5,986,677	Nov-99	JONES et al.	
5,987,567	Nov-99	RIVARD et al.	
5,990,903	Nov-99	DONOVAN	
5,995,120	Nov-99	Dve	
5,995,121	Nov-99	Alcockn et al	
5,999,189	Dec-99	Kaijiva et al.	
5,999,198	Dec-99	HORAN et al.	
6,002,407	Dec-99	FADDEN	
6,002,410	Dec-99	BATTLE	
6,005,582	Dec-99	GABRIEL et al.	
6,007,428	Dec-99	NISHIUMI et al.	

*Examiner

M. Good-Johnson

Date Considered

7/6/2003

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE
CITATION

Atty. Docket No.

Serial No.

723-749**09/585,329**

Applicant

HOLLIS et al.

Filing Date

Group

MAY 14 2003

02 June 2000**2672****Technology Center 2000****RECEIVED**

	6.008.820	Dec-99	Chauvin et al.			
	6.011.562	Jan-00	Gagne et al.			
	6.011.565	Jan-00	KUO et al.			
	6.014.144	Jan-00	NELSON et al.			
	6.016.151	Jan-00	Lin			
	6.018.350	Jan-00	Lee et al.			
	6.020.931	Feb-00	BILBREY et al.			
	6.021.417	Feb-00	Massarksv			
	6.022.274	Feb-00	TAKEDA et al.			
	6.023.261	Feb-00	Ugaiin			
	6.026.182	Feb-00	Lee et al			
	6.028.608	Feb-00	JENKINS			
	6.031.542	Feb-00	WITTIG			
	6.035.360	Mar-00	Doidae et al			
	6.037.948	Mar-00	Liepa			
	6.038.031	Mar-00	MURPHY			
	6.038.348	Mar-00	Carlev			
	6.040.843	Mar-00	MONROE et al.			
	6.040.844	Mar-00	YAMAGUCHI et al.			
	6.041.010	Mar-00	PUAR et al.			
	6.043.804	Mar-00	GREENE			
	6.043.821	Mar-00	Sprague et al.			
	6.046.746	Apr-00	DEERING			
	6.046.747	Apr-00	SAUNDERS et al.			
	6.046.752	Apr-00	Kirkland et al.			
	6.049.337	Apr-00	VAN OVERVELD			
	6.049.338	Apr-00	ANDERSON et al.			
	6.052.125	Apr-00	Gardiner et al.			
	6.052.126	Apr-00	SAKURABA et al.			
	6.052.127	Apr-00	VASWANI et al.			
	6.052.129	Apr-00	FOWLER et al.			
	6.052.133	Apr-00	Kang			
	6.054.999	Apr-00	Strandberga			
	6.057.847	May-00	Jenkins			
	6.057.849	May-00	HAUBNER et al.			
	6.057.851	May-00	LUKEN et al.			
	6.057.859	May-00	Handelman et al.			
	6.057.861	May-00	LEF et al.			
	6.057.862	May-00	MARGULIS			
	6.057.863	May-00	Olario			
	6.061.462	May-00	Tostevin et al			
	6.064.392	May-00	ROHNER			

*Examiner

Matthew Good Johnson

Date Considered

5/21/2003

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE
CITATION

Atty. Docket No.

Serial No.

723-749**09/585,329**

Applicant

HOLLIS et al.

Filing Date

Group

02 June 2000**2672****RECEIVED****MAY 14 2003****Technology Center 2600**

6.067.098	May-00	DYE	
6.070.204	May-00	Poisner, David	
6.072.496	Jun-00	Guenter et al.	
6.075.543	Jun-00	AKELEY	
6.075.546	Jun-00	HUSSAIN et al.	
6.078.311	Jun-00	Pelkev, Michael H.	
6.078.333	Jun-00	WITTIG et al.	
6.078.334	Jun-00	HANAKA et al.	
6.078.338	Jun-00	HORAN et al.	
6.081.274	Jun-00	SHIRAISHI	
6.088.035	Jul-00	Sudarsky et al	
6.088.042	Jul-00	Handelman et al.	
6.088.487	Jul-00	Kurashige	
6.088.701	Jul-00	Whaley et al.	
6.091.431	Jul-00	SAXENA et al.	
6.092.158	Jul-00	HARRIMAN et al.	
6.094.200	Jul-00	Olsen et al	
6.097.435	Aua-00	STANGER et al.	
6.097.437	Aua-00	HWANG	
6.104.415	Aua-00	GOSSETT	
6.104.417	Aua-00	NIELSEN et al.	
6.105.094	Aua-00	LINDEMAN	
6.108.743	Aua-00	DEBS et al.	
6.111.582	Aua-00	Jenkins	
6.111.584	Aua-00	Murphy, Nicholas J.N.	
6.115.047	Sep-00	DEERING	
6.115.049	Sep-00	Winner et al	
6.118.462	Sep-00	MARGULIS	
6.128.026	Oct-00	BROTHERS, III	
6.144.365	Nov-00	Young et al.	
6.144.387	Nov-00	LIU et al.	
6.151.602	Nov-00	HEJLSBERG et al.	
6.155.926	Dec-00	MIYAMOTO et al.	
6.157.387	Dec-00	KOTANI	
6.166.748	Dec-00	Van Hook et al.	
6.172.678 B1	Jan-01	Shiraishi	
6.177.944	Jan-01	FOWLER et al.	
6.191.794	Feb-01	PRIEM et al.	
6.200.253	Mar-01	NISHIUMI et al.	
6.204.851B1	Mar-01	Netschke et al.	
6.215.496.B1	Apr-01	Szeliski et al	
6.215.497	Apr-01	Leuna	

*Examiner

Motilena Good-Johnson

Date Considered

7/21/2003

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE
CITATION

Atty. Docket No.

Serial No.

723-749

09/585,329

Applicant

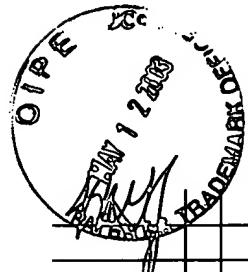
HOLLIS et al.

Filing Date

Group

02 June 2000

2672

~~RECEIVED~~

MAY 14 2003

Technology Center 2600

6,226,713 B1	May-01	Mehrotra	
6,232,981	May-01	Gossett, Carroll Philip	
6,236,413	May-01	Gossett et al.	
6,239,810	May-01	Van Hook et al.	
6,252,608	Jun-01	Snyder et al.	
6,252,610	Jun-01	Hussain	
6,264,558	Jul-01	NISHIUMI et al.	
6,268,861 B1	Jul-01	Sanz-Pastor et al.	
6,275,235	Aug-01	Morgan, III, David L.	
6,285,779	Sep-01	Lapidous et al.	
6,292,194 B1	Sep-01	Powell, III	
6,329,997	Dec-01	We et al.	
6,331,856	Dec-01	Van Hook et al.	
6,342,892 B1	Jan-02	Van Hook et al.	
6,353,438	Mar-02	VAN HOOK	
6,356,497	Mar-02	PUAR et al.	
6,408,362 B1	Jun-02	Arimilli et al.	
6,417,858	Jul-02	Bosch et al.	
6,426,747	Jul-02	Hoppe et al.	
6,437,781 B1	Aug-02	Tucker et al.	
6,459,429	Oct-02	Deeringa	
6,466,223 B1	Oct-02	Dorbie et al.	
6,469,707 B1	Oct-02	Douglas Voorhies	
6,476,808	Nov-02	Kuo et al.	
6,476,822	Nov-02	Burbank	
6,496,187 B1	Dec-02	Michael Deeringa et al.	

FOREIGN PATENT DOCUMENTS

TRANSLATION

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
0 637 813 A2	Feb-95	EUROPEAN				
9-330230	Dec-97	JAPAN				
WO/93/04429	Mar-93	PCT				

*Examiner

Date Considered

7/21/2003

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE
CITATION

Atty. Docket No.	Serial No.
723-749	09/585,329
Applicant	RECEIVED
HOLLIS et al.	MAY 14 2003
Filing Date	Group
02 June 2000	2672 Technology Center 2600

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

GDC 2000: Advanced OpenGL Game Development, "A Practical and Robust Bump-mapping Technique for Today's GPUs," by Mark Kilgard, July 5, 2000, www.nvidia.com
Technical Presentations: "Texture Space Bump Mapping," Sim Dietrich, November 10, 2000, www.nvidia.com
Whitepapers: "Texture Addressing," Sim Dietrich, January 6, 2000, www.nvidia.com
White paper, Huddy, Richard, "The Efficient Use of Vertex Buffers," (11/01/2000)
White paper, Spitzer, John, et al., "Using GL_NV_array_range and GL_NV_Fence on GeForce Products and Beyond" (08/01/2000)
White paper, Rogers, Douglas H., "Optimizing Direct3D for the GeForce 256" (1/3/2000)
Hook, Brian, "An Incomplete Guide to Programming DirectDraw and Direct3D Immediate Mode (Release 0.46)," printed from web site: www.wksoftware.com , 42 pages
Thompson, Tom, "Must-See 3-D Engines," BYTE MAGAZINE, printed from web site www.byte.com , 10 pages (June 1996)
Thompson, Nigel, "Rendering with Immediate Mode," Microsoft Interactive Developer Column: Fun and Games, printed from web site msdn.microsoft.com , 8 pages (March 97)
"HOWTO: Animate Textures in Direct3D Immediate Mode," printed from web site support.microsoft.com , 3 pages (last reviewed 12/15/2000)
INFO: Rendering a Triangle Using an Execute Buffer," printed from web site support.microsoft.com , 6 pages (last reviewed 10/20/2000)
U.S. application Serial No. 09/337,293, filed 6/21/1999, "Multi-Format Vertex Data Processing Apparatus and Method [issued as U.S. Patent No. 6,501,479 B1 on 12/31/02]
Datasheet, SGS-Thomson Microelectronics, nVIDIA™, RIVA 128™ 128-Bit 3D Multimedia Accelerator (10/1997)
Product Presentation, "RIVA128™ Leadership 3D Acceleration," 2 pages
Debevec, Paul, et al., "Efficient View-Dependent Image-Based Rendering with Projective Texture-Mapping," University of California at Berkeley
Gibson, Simon, et al., "Interactive Rendering with Real-World Illumination," Rendering Techniques 2000; 11th Eurographics Workshop on Rendering, pp. 365-376 (June 2000)
Segal, Mark, et al., "Fast Shadows and Lighting Effects Using Texture Mapping," Computer Graphics, 26, 2, pp.. 249-252 (July1992)
White paper, Kilgard, Mark J., "Improving Shadows and Reflections via the Stencil Buffer" (11/03/1999)
"OpenGL Projected Textures," from web site: HTTP://reality.sgi.com , 5 pages
"5.13.1 How to Project a Texture," from web site: www.sgi.com , 2 pages
Arkin, Alan, email, subject: "Texture distortion problem," from web site: HTTP://reality.sgi.com (7/1997)
Moller, Tomas et al., "Real-Time Rendering," pp. 179-183 (AK Peters Ltd., 1999)
Williams, Lance, "Casting Curved Shadows on Curved Surfaces," Computer Graphics (SIGGRAPH '78 Proceedings), Volume 12, Number 3, pages 270-274 (August 1978)
Woo et al., "A Survey of Shadow Algorithms," IEEE Computer Graphics and Applications, Volume 10, Number 6, pages 13-32 (November 1990)

*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE
CITATION

Atty. Docket No.	Serial No.
723-749	09/585,329
Applicant	RECEIVED
HOLLIS et al.	MAY 14 2003
Filing Date	Group
02 June 2000	2672
	Technology Center 2600

	Heidrich et al., "Applications of Pixel Textures in Visualization and Realistic Image Synthesis," Proceedings 1999 Symposium On Interactive 3D Graphics, pages 127-134 (April 1999)
	Hourcade et al, "Algorithms for Antialiased Cast Shadows", Computers and Graphics, vol. 9, no. 3, pp. 260-265 (1985).
	Michael McCool, "Shadow Volume Reconstruction from Depth Maps", ACM Transactions on Graphics, Vol. 19, No. 1, Jan. 2000, pages 1-26
	RenderMan Artist Tools, PhotoRealistic RenderMan 3.8 User's Manual, Pixar (8/1998)
	RenderMan Interface Version 3.2 (7/2000)
	White paper, Dietrich, Sim, "Cartoon Rendering and Advanced Texture Features of the GeForce 256 Texture Matrix, Projective Textures, Cube Maps, Texture Coordinate Generation and DOTPRODUCT3 Texture Blending" (12/16/1999)
	Peter J. Kovach, INSIDE DIRECT 3D, "Alpha Testing," ppp 289-291 (1999)
	Web site information, CartoonReyes, REM Infografica, http://www.digimotion.co.uk/cartoonreyes.htm
	Raskar, Ramesh et al., "Image Precision Silhouette Edges," Symposium on Interactive 3D Graphics 1999, Atlanta, 7 pages (April 26-29, 1999)
	Schlechtweg, Stefan et al., "Rendering Line-Drawings with Limited Resources, Proceedings of GRAPHICON '96, 6th International Conference and Exhibition on Computer Graphics and Visualization in Russia, (St. Petersburg, July 1-5, 1996) vol. 2, pp 131-137
	Haeberli, Paul et al., "Texture Mapping as a Fundamental Drawing Primitive," Proceedings of the Fourth Eurographics Workshop on Rendering, 11pages, Paris, France (June 1993)
	Schlechtweg, Stefan et al., "Emphasising in Line-drawings," Norsk samarbeid innen grafisk databehandling: NORSIGD Info, medlemsblad for NORSIGD, Nr 1/95, pp. 9-10
	Markosian, Lee et al., "Real-Time Nonphotorealistic Rendering," Brown University site of the NSF Science and Technology Center for Computer Graphics and Scientific Visualization, Providence, RI, 5 pages (undated)
	Feth, Bill, "Non-Photorealistic Rendering," wif3@cornell.edu , CS490 – Bruce Land, 5 pages (Spring 1998)
	Elber, Gershon, "Line Art Illustrations of Parametric and Implicit Forms," IEEE Transactions on Visualization and Computer Graphics, Vol. 4, No. 1, January-March 1998
	Zeleznik, Robert et al."SKETCH: An Interface for Sketching 3D Scenes," Computer Graphics Proceedings, Annual Conference Series 1996, pp. 163-170
	Computer Graphics World, December 1997
	Reynolds, Craig, "Stylized Depiction in Computer Graphics, Non-Photorealistic, Painterly and 'Toon Rendering," an annotated survey of online resources, 13 pages, last update May 30, 2000, http://www.red.com/cwr/painterly.html
	Render Man Artist Tools, "Using Arbitrary Output Variables in Photorealistic Renderman (With Applications), PhotoRealistic Renderman Application Note #24, 8 pages, June 1998, http://www.pixar.com/products/renderman/toolkit/Toolkit/AppNotes/appnote.24.html
	Decaudin, Philippe, "Cartoon-Looking Rendering of 3D Scenes," Syntim Project Inria, 6 pages , http://www-syntim.inria.fr/syntim/recherche/decaudin/cartoon-eng.html
	Hachigian, Jennifer, "Super Cel Shader 1.00 Tips and Tricks," 2 pages, wysiwyg://thePage.13/http://members.xoom.com/_XMCM.jarvia/3D/celshade.html

*Examiner

AJ. Lord-Johnson

Date Considered

7/22/2003

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE
CITATION

Atty. Docket No.	Serial No.
723-749	09/585,329
Applicant	RECEIVED
HOLLIS et al.	MAY 14 2003
Filing Date	Group
02 June 2000	2672
Technology Center 2600	

Digimation Inc., "The Incredible Comicshop," info sheet, 2 pages, http://www.digimation.com/asp/product/asp?product_id=33
Softimage/3D Full Support, "Toon Assistant," 1998 Avid Technology, Inc., 1 page, http://www.softimage.com/3dsupport/techn...uments/3.8/features3.8/rel_notes.56.html
Cambridge Animo – Scene III, info sheet, Cambridge Animation Systems, 2 pages, http://www.camani.co.uk/casweb/products/software/Scenelll.htm
Mulligan, Vikram, "Toon," info sheet, 2 pages, http://digitalcarversguild.com/products/toon/toon.thml
Toony Shaders, "Dang I'm tired of photorealism," 4 pages, http://www.visi.com/~mcdonald/toony.html
"Cartoon Shading, Using Shading Mapping," 1 page, http://www.goat.com/alias/shaders.html#toonshad
web site information, CartoonReyes, http://www.zentertainment.com/zentropy/review/cartoonreyes.html
VIDI Presenter 3D Repository, "Shaders." 2 pages, http://www.webnation.com/vidirep/panels/renderman/shaders/toon.phtml
The RenderMan Interface Version 3.1," (September 1989)
"Renderman Artist Tools, PhotoRealistic RenderMan Tutorial," Pixar (01/1996)
✓ Web site materials, "Renderman Artist Tools, PhotoRealistic RenderMan 3.8 User's Manual," Pixar,
✓ NVIDIA.com, technical presentation, "AGDC Per-Pixel Shading" (11/15/2000)
✓ NVIDIA.com, technical presentation, "Introduction to DX8 Pixel Shaders" (11/10/2000) ✓
✓ NVIDIA.com, technical presentation, "Advanced Pixel Shader Details" (11/10/2000)
✓ "Developer's Lair, Multitexturing with the ATI Rage Pro," (7 pages) from ati.com web site (2000)
✓ Slide Presentation, Sébastien Dominé, "nVIDIA Mesh Skinning, OpenGL"
✓ Singh, Karan et al., "Skinning Characters using Surface-Oriented Free-Form Deformations," Toronto Canada
✓ "Hardware Technology," from ATI.com web site, 8 pages (2000)
✓ "Skeletal Animation and Skinning," from ATI.com web site, 2 pages (Summer 2000)
✓ "Developer Relations, ATI Summer 2000 Developer Newsletter," from ATI.com web site, 5 pages (Summer 2000)
✓ Press Releases, "ATI's RADEON family of products delivers the most comprehensive support for the advance graphics features of DirectX 8.0," Canada, from ATI.com web site, 2 pages (11/9/2000)
✓ "ATI RADEON Skinning and Tweening," from ATI.com web site, 1 page (2000)
✓ Hart, Evan et al., "Vertex Shading with Direct3D and OpenGL," Game Developers Conference 2001, from ATI.com web site (2001)
✓ "Search Results for: skinning, from ATI.com web site, 5 pages (5/24/01)
✓ Hart, Evan et al., "Graphics by rage," Game Developers Conference 2000, from ATI.com web site (2000)
✓ Efficient Command/Data Interface Protocol For Graphics, IBM TDB, vol. 36, issue 9A, September 1, 1993, pgs. 307-312
✓ Shade, Jonathan et al., "Layered Depth Images," COMPUTER GRAPHICS Proceedings, Annual Conference Series, pp. 231-242 (1998)
✓ Videum Conference Pro (PCI) Specification, product of Winnov (Winnov), published 7/21/1999

*Examiner

Date Considered

7/22/2003

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE CITATION		Atty. Docket No. 723-749	Serial No. 09/585,329 RECEIVED
		Applicant HOLLIS et al.	MAY 14 2003
		Filing Date 02 June 2000	Group 2672
		Technology Center 2600	
<p><i>[Handwritten signatures and initials over the table]</i></p> <p>Hoppe, Hugues, "Optimization of Mesh Locality for Transparent Vertex Caching," PROCEEDINGS OF SIGGRAPH, pages 269-276 (August 8-13, 1999)</p> <p>Whitepaper: Implementing Fog in Direct3D, January 3, 2000, www.nvidia.com</p> <p>Akeley, Kurt, "Reality Engine Graphics", 1993, Silicon Graphics Computer Systems, pp. 109-116.</p>			

Hoppe, Hugues, "Optimization of Mesh Locality for Transparent Vertex Caching," PROCEEDINGS OF SIGGRAPH, pages 269-276 (August 8-13, 1999)

Whitepaper: Implementing Fog in Direct3D, January 3, 2000, www.nvidia.com

Akeley, Kurt, "Reality Engine Graphics", 1993, Silicon Graphics Computer Systems, pp. 109-116.

*Examiner

Mr. Good Johnson

Date Considered

7/22/2003

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.